

XML SERVER PAGES LANGUAGE

David M. Brooke

Steve M. Saxon

ABSTRACT OF THE DISCLOSURE

A method and computer program product is provided for generating XML documents using a script language that extends the capabilities of XML. The script language includes control statements for including data content and style information from a plurality of sources. One or more scripts may be developed that includes script language control statements. A script processor processes the scripts and generates a content document and a style document. The content document specifies the content to be included in the XML document, and the style document specifies the style for displaying the content in the XML document. One set of program instructions transforms the content document and the style document into an XML document. Another set of program instructions converts the XML document to an output document for a selected type of display. The script language and script processor provide facilities for gathering content and style information from a plurality of sources. Numerous scripts may be generated to override and/or extend information in one or more of the other scripts, thereby allowing a developer to customize selected portions of the output document while using shared content and style for the remaining portions of the output document.